| Index of | Claims |
|----------|--------|
|          |        |

| Applica | tion No. | Applicant(s) |  |
|---------|----------|--------------|--|
| 10/064  | 777      | LEE ET AL.   |  |
| Examin  | er       | Art Unit     |  |
| EDWY    | N LABAZE | 2876         |  |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla   | im       |  |          |   | Date     | _         |                 |                       |        | Cla  | aim      |                |                   | Da  | te                                     |                       |                         |       | CI       | aim        |          |                 |          | D        | ate      |          | _           |          |          |
|-------|----------|--|----------|---|----------|-----------|-----------------|-----------------------|--------|--|----------|----------------|-------------------|---|--|-----------------------|-------------------------|-------|----------|------------|----------|-----------------|----------|----------|----------|----------|-------------|----------|----------|
|       |          | 4  |          |   |          |           |                 |                       |        |  | ō        |                |                   |   |  |                       |                         |       | _        | ल          |          |                 |          |          |          |          |             |          |          |
| Final | Original | 10/20/04   |          |   | 1        |           |                 | 1                     | 1      | Final  | Original |                |                   | ĺ   |  |                       |                         |       | Final    | Original   |          |                 | 1        |          |          |          |             |          |          |
| 证     | Öriç     | 0  | 1        | 1   |          |           |                 |                       |        | 证  | ٦        |                |                   |   |  |                       |                         |       | ΙŢ       | Ö          |          | ł               |          | - 1      | ١        |          |             |          | ı        |
|       |          | $\perp$  |          |   |          |           |                 |                       |        |  |          |                |                   | _   | 11                                     |                       | Ш                       |       |          |            | _        | _               | _        | 4        | _        | _        | -           | $\dashv$ | 4        |
|       | _1_      | =  |          | _   |          |           |                 |                       | _      | <u> </u>   | 51       |                |                   | 4   | 1-1                                    | _                     |                         |       |          | 101        | -        | -+              | +        | $\dashv$ | $\dashv$ | -        | +           | 4        | 괵        |
|       | 2        | -  | _        |   |          | Ш         | _               |                       | -      |  | 52       |                |                   | _   | +                                      | _                     |                         |       |          | 102        | _        | -               | $\dashv$ | -        | -+       | +        | +           | 4        | $\dashv$ |
|       | 3        | -  | _        | 4_  | _        | $\square$ |                 | -                     | -      | ļ  | 53       |                | -+                | +   | +                                      |                       | H                       |       |          | 103        | -        | 4               | +        | +        |          | +        | +           | +        | $\dashv$ |
| 2     | 4        | =  | -        | +-  | -        | $\vdash$  | $\Box$          |                       | -      |  | 54       | -              | -                 | _   |  |                       | -1                      |       |          | 104<br>105 | $\dashv$ | $\dashv$        | +        | +        | $\dashv$ | $\dashv$ | +           | +        | ᅱ        |
| 3     | 5        | =  | _        | +   | -        | $\vdash$  |                 |                       | 4      |  | 55       |                | $\dashv$          | -   | +                                      |                       | H                       |       |          | 106        | $\dashv$ | -+              | +        | +        | -+       | +        | +           | $\dashv$ | -        |
| 4     | 6        | =  |          | +   | -        | Н         | $\dashv$        | -                     | -      |  | 56<br>57 |                | $\dashv$          | +   | +                                      | +                     | H                       | 44    |          | 107        | $\dashv$ | +               | +        | -        | $\dashv$ | $\dashv$ | +           | +        | $\dashv$ |
| 5     | 7        | =  | $\dashv$ | ┼   | +        | -         | $\vdash$        |                       | -      | <del> </del>                                     | 58       | -              | -                 | +   | +                                      |                       | H                       |       |          | 108        | $\dashv$ | -+              | +        | +        | -        | $\dashv$ | +           | $\dashv$ | $\dashv$ |
| 7     | 8        | =  | -+       | +-  | ╁        | Н         | $\vdash$        | +                     | -      | -  | 59       |                | -                 | +   | +                                      | +                     | H                       |       |          | 109        | $\dashv$ | -+              | +        | 7        | +        | $\dashv$ | +           | $\dashv$ | $\dashv$ |
|       | 10       | =  |          | +   | -        | Н         | $\vdash \vdash$ | -+                    | -      | <u> </u>   | 60       |                | -+                |   | +                                      | _                     | H                       |       |          | 110        |          | $\dashv$        | +        | +        | _        | +        | +           | $\dashv$ | ᅱ        |
| 8     |          | =  |          |   | +        | Н         | ┥               | $\dashv$              | -      |  | 61       |                | -+                |   | +                                      |                       | H                       |       |          | 111        | -        | $\dashv$        | 十        | _        | $\dashv$ | +        | +           | 7        | $\dashv$ |
| 9     | 11<br>12 | =  |          | -   | $\vdash$ | $\vdash$  | $\vdash \vdash$ | +                     | 4:::   |  | 62       |                | $\dashv$          | +   | +                                      | $\dashv$              | H                       |       |          | 112        | -        | $\dashv$        | 十        | +        | 十        | $\dashv$ | +           | $\dashv$ | ⊣        |
| 11    | 13       | =  | +        | +   | +        | $\vdash$  | $\vdash \vdash$ | +                     | -      | <del>                                     </del> | 63       | $\vdash$       | $\vdash$          | +   | +                                      | +                     | $\vdash$                |       |          | 113        | $\dashv$ | $\dashv$        | $\dashv$ | 寸        | - 1      | $\dashv$ | +           | $\dashv$ | ᅱ        |
| 12    | 14       | =  | -        | +   | +        | H         | $\vdash$        |                       | -      | <del>                                     </del> | 64       |                | $\dashv$          | +   | +                                      |                       | Н                       |       |          | 114        | $\dashv$ | $\dashv$        | $\dashv$ | 一        |          | 十        | 十           | $\dashv$ | ㅓ        |
| 13    | 15       | =  |          | +-  | ╁╌       | Н         | H               | +                     | 1      | $\vdash$   | 65       | $\vdash\vdash$ | +                 | +   | +                                      | -                     | $\vdash$                |       |          | 115        | 1        | $\dashv$        | 十        | 7        | 寸        | $\dashv$ | 十           | 7        | ㅓ        |
| 14    | 16       | =  |          | +   | +        | $\vdash$  | $\vdash \vdash$ | +                     | -      | -  | 66       |                | $\vdash +$        | $\dashv$  | +                                      | +                     |                         |       |          | 116        |          | 十               | 一        | 1        | 寸        | $\neg$   | 十           | 7        | ヿ        |
| 15    | 17       | =  | -        | +   | +        | Н         | $\vdash \vdash$ | +                     | - ∷    | <u> </u>   | 67       | $\vdash\vdash$ | $\vdash \uparrow$ | +   | +                                      | +-                    | $\Box$                  |       |          | 117        | $\dashv$ | $\dashv$        | +        | •        | -        | $\dashv$ | $\top$      | 7        | $\dashv$ |
| 16    | 18       | =  | +        | +   | ╁╌       | Н         | $\vdash$        |                       | -      |  | 68       | -              | $\vdash$          | -   | +                                      | +-                    | H                       |       | -        | 118        | 一        | 寸               | $\dashv$ | 7        | $\dashv$ | ┪        | 十           | $\dashv$ | ᅱ        |
| 17    | 19       | =  | -+       | +-  | ╁        | Н         | $\vdash$        |                       | -  ::: |  | 69       |                | $\vdash$          |   |  |                       | Н                       |       |          | 119        |          |                 | 1        | 寸        | 寸        |          | $\neg$      | ヿ        | $\neg$   |
| 18    | 20       | =  | +        | ╅   | +-       | $\vdash$  | $\vdash$        |                       |        |  | 70       |                | -                 | - 1   | +                                      |                       | H                       |       | -        | 120        |          | -               | - 1      | -        | _        | 7        | -           |          | $\neg$   |
| 19    | 21       | =  | $\dashv$ | -   | +-       | H         | Н               |                       | -      |  | 71       |                |                   | _   | ╁~                                     | _                     | H                       |       |          | 121        |          |                 | 寸        | 7        | ヿ        | 7        | $\neg$      |          | コ        |
| 20    | 22       | =  |          | +   | +        | -         | $\vdash$        | _                     | -      |  | 72       |                |                   | $\dashv$  | +                                      |                       | П                       |       |          | 122        |          | 寸               | 7        | T        | ヿ        | 寸        | $\top$      | T        | $\neg$   |
| 21    | 23       | =  | -+       | +   | +        | $\vdash$  | Н               | $\dashv$              | -      |  | 73       | $\vdash$       | $\vdash$          | _   | +-                                     |                       |                         |       |          | 123        |          |                 | $\neg$   |          | 寸        | コ        | $\neg$      |          | コ        |
| 22    | 24       | =  | -        | +-  | ╁┈       | $\vdash$  | H               | $\dashv$              | -      |  | 74       |                | $\vdash$          |   | +                                      |                       |                         |       |          | 124        |          |                 | 寸        | 1        | 寸        |          | 十           |          | $\neg$   |
| 23    | 25       | =  | $\dashv$ | +   | +        | H         | $\Box$          |                       | -      |  | 75       |                | H                 | $\top$  | 1                                      | ì                     | $\Box$                  |       |          | 125        |          |                 |          |          | T        |          | $\neg$      |          | $\neg$   |
| 24    | 26       | =  |          | +   | +        | H         | H               | +                     |        | _  | 76       |                | $\Box$            | $\top$  | $\top$                                 |                       | $\Box$                  |       |          | 126        |          |                 |          | 一        |          | $\neg$   |             | 目        | $\neg$   |
| 25    | 27       | =  |          | $\top$  | +-       |           | Н               | _                     | 7      |  | 77       |                | $\Box$            | 十   |  |                       |                         |       |          | 127        | $\Box$   |                 | 7        | T        |          | $\neg$   | $\neg$      | コ        | $\neg$   |
| 26    | 28       | =  | _        | +   | +-       |           | Ħ               |                       | 1:::   |  | 78       |                |                   | $\neg \vdash$   | $\top$                                 |                       | $\Box$                  |       |          | 128        |          |                 |          | T        |          | 一        | $\neg$      |          | $\neg$   |
| 27    | 29       | =  | _        | 1   | +        |           |                 |                       |        |  | 79       |                |                   |   | 1                                      |                       |                         |       |          | 129        |          |                 | ヿ        |          | $\neg$   |          | $\Box$      |          |          |
| 28    | 30       | =  |          | 1   |          | 一         | $\Box$          |                       | 7      |  | 80       |                | П                 |   | T                                      |                       | П                       |       |          | 130        |          |                 |          |          |          |          | $\Box$      |          |          |
| 29    | 31       | Ξ  |          | +   | 1.       | Γ         |                 |                       | 7      |  | 81       |                |                   | 丁   | $\top$                                 |                       |                         |       |          | 131        |          |                 |          |          |          |          | $\Box$      |          |          |
| 30    | 32       | =  |          | $\top$  | 1        | $\vdash$  | П               | $\top$                | 7      |  | 82       |                |                   |   | 1                                      |                       |                         |       |          | 132        |          |                 |          |          |          |          |             |          |          |
| 31    | 33       | =  |          | $\top$  | T        | T         | П               |                       | 7      |  | 83       |                |                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$  |  |                       |                         |       |          | 133        |          |                 |          |          |          |          | $\perp$     |          |          |
| 32    | 34       | =  | $\Box$   | T   | $\top$   | Ī         | П               |                       | 7      |  | 84       |                |                   |   |  |                       |                         |       |          | 134        |          |                 |          |          |          |          | $\bot$      |          |          |
| 33    | 35       | =  |          | Τ   | Т        |           |                 |                       |        |  | 85       |                |                   |   |  |                       |                         |       |          | 135        |          |                 | [        |          |          | [        | $\bot$      |          |          |
| 34    | 36       | =  |          |   |          |           |                 |                       |        |  | 86       |                |                   |   |  |                       |                         |       |          | 136        |          |                 |          |          |          |          | $\perp$     |          |          |
| 35    | 37       | =  |          |   |          |           |                 |                       |        |  | 87       |                |                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   |  |                       | Ш                       |       |          | 137        |          | $\Box$          |          |          |          | $\perp$  | $\perp$     | $\perp$  |          |
| 36    | 38       | =  |          |   | T        |           |                 |                       |        |  | 88       |                |                   |   |  |                       |                         |       |          | 138        |          |                 |          |          |          | [        | $\bot$      |          |          |
|       | 39       | -  |          |   |          |           |                 |                       |        |  | 89       |                |                   |   |  |                       | Ш                       |       |          | 139        |          | Ш               | [        |          |          |          | $\perp$     |          | _        |
| 37    | 40       | =  |          |   |          | L         |                 |                       |        |  | 90       |                |                   |   |  |                       | $\Box$                  |       |          | 140        |          |                 | $\bot$   |          |          |          | _           |          |          |
| 38    | 41       | =  |          | Ι   |          |           |                 |                       |        |  | 91       |                | $\Box$            | $oldsymbol{ol}}}}}}}}}}}}}}}$ |  |                       | $\perp$                 |       | L        | 141        | L        | $\sqcup$        | _        | _        |          | $\Box$   |             |          |          |
| 39    | 42       | =  |          | floor   | $\prod$  |           |                 |                       |        |  | 92       |                |                   |   | ــــــــــــــــــــــــــــــــــــــ |                       | $\sqcup$                |       |          | 142        | <u> </u> | Щ               |          | _        |          |          | $\dashv$    |          | _        |
| 40    | 43       | Ξ  |          |   |          |           |                 |                       |        |  | 93       | $\Box$         | $\sqcup$          | _   |  | $oxed{oxed}$          | $\perp \perp$           |       | <u> </u> | 143        | Щ        | Ш               | _        | _        |          |          | _           |          |          |
|       | 44       |  |          |   |          |           |                 |                       |        | L  | 94       |                | -                 | $\perp$   | _ _                                    | <u> </u>              | $\sqcup$                |       | L        | 144        |          | $\sqcup$        |          | _        |          |          | $\dashv$    | _        |          |
|       | 45       |  |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | L        |           |                 |                       | _      |  | 95       |                | $\sqcup$          | $\perp$   | 4_                                     |                       | ota                     |       |          | 145        | <u> </u> | $\sqcup$        |          | _        |          |          | _           | _        | _        |
|       | 46       |  |          | $\Box$  |          | L         |                 |                       | _      |  | 96       | ot             | $\sqcup$          | _   | _                                      | $\sqcup \bot$         | $oldsymbol{\perp}$      |       | <u> </u> | 146        | <u> </u> | $\sqcup$        | _        | _        |          |          | _           | _        | _        |
|       | 47       |  |          |   | $\perp$  |           | 1_              | $\sqcup \!\!\! \perp$ | _      |  | 97       | Ц.             | $\sqcup$          |   | $\bot$                                 | $\sqcup \!\!\! \perp$ | $\downarrow \downarrow$ |       |          | 147        |          | $\sqcup$        | _        |          | Щ        | _        |             |          | _        |
|       | 48       |  |          |   | <u> </u> | ļ         | lacksquare      |                       | _      |  | 98       | <b>     </b>   | $\sqcup$          | _   |  | $\vdash \vdash$       | 4-4                     |       | <u> </u> | 148        | <u> </u> | $\vdash \vdash$ | -4       |          | Ш        |          | <del></del> |          | _        |
|       | 49       | $oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ |          |   |          | 1_        | oxdapsilon      | $\sqcup \bot$         | 4      |  | 99       | <u> </u>       | $\sqcup$          | $\bot$  |  | <b>├</b> -├-          | 4-4                     |       | <u> </u> | 149        | <u> </u> | $\vdash \vdash$ |          |          | Щ        |          | $\dashv$    |          |          |
|       | 50       | 1  |          | ┸   |          | <u> </u>  |                 | oxdot                 | _];;;  | <u> </u>   | 100      | <u> </u>       | Ш                 |   |  |                       | لحل                     | :-:-: | L        | 150        |          | Ш               | $\perp$  |          |          | لــا     | $\perp$     |          |          |